



## Grant All-Detail Report LWM-NRBG 2020

**Grant Title** - 2020 - Local Water Management - NRBG (Pipestone County)

**Grant ID** - P20-6502

**Organization** - Pipestone County

Original Awarded Amount	\$15,247.00	Grant Execution Date	9/16/2019
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Kyle Krier
Current Awarded Amount	\$15,247.00	Current End Date	12/31/2022

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$15,247.00	\$15,247.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$11,799.64	\$11,799.64	\$0.00
<b>Total</b>	<b>\$27,046.64</b>	<b>\$27,046.64</b>	<b>\$0.00</b>

\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Administration	Administration /Coordination	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$10.00	\$10.00	10/15/2020	N
Ecology Bus	Education/Information	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$1,724.40	\$1,724.40	12/24/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Environmental Fair	Education/Information	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$1,000.00	\$1,000.00	6/8/2020	N
Equipment	Supplies/Equipment	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$175.00	\$175.00	4/13/2020	N
Heather Veld SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$5,493.29	\$5,493.29	11/2/2020	N
Heather Veld SSTS	Subsurface Sewage Treatment Systems	Other Funds	2018 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..)	\$8,849.73	\$8,849.73	11/2/2020	N
Heather Veld SSTS	Subsurface Sewage Treatment Systems	Other Funds	Land owner match	\$2,949.91	\$2,949.91	11/2/2020	Y
Public Education	Education/Information	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$345.70	\$345.70	11/17/2020	N
Website	Education/Information	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$573.61	\$573.61	1/10/2020	N
Well Sealing	Groundwater	Current State Grant	2020 - Local Water Management - NRBG (Pipestone County)	\$5,925.00	\$5,925.00	12/22/2020	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
351 - Well Decommissioning	9	9	1 COUNT	COUNT
351 - Well Decommissioning	6	6	2 COUNT	COUNT

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1		1 COUNT	1 COUNT

## Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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## Final Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	216.00	LBS/YR
PATHOGENS (E. COLI)	73,700,000,000,000.00	CFU
SEDIMENT (TSS)	0.12	TONS/YR
NITROGEN	28.00	LBS/YR
PREVENTION	15.00	COUNT
PHOSPHORUS (EST. REDUCTION)	10.00	LBS/YR

## Grant Activity

Grant Activity - Administration			
Description	Grant Administration		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-20	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Postage and expense for grant administration.		

Grant Activity - Ecology Bus			
Description	Provide funding for the Ecology Bus to provide environmental education to schools located within the County.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-20	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Environmental education was provided to area elementary students with in person learning to RTR students and virtual learning opportunities to Edgerton and Pipestone.		

Grant Activity - Environmental Fair			
Description	Provide \$1000 to the Environmental Fair		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-20	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Donation made to the environmental fair for planning in 2020 and the fair to be held in 2021 for area elementary students in the County.		

Grant Activity - Equipment			
Description	Survey Equipment		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-Jan-20	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Purchased mounting attachments for R10 survey equipment to attach to ATV to be utilized for water quality projects.		

Grant Activity - Heather Veld SSTS			
Description	Replace failing septic system, Imminent health threat.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	12-Aug-20	End Date	02-Sep-20
Has Rates and Hours?	No		
Actual Results	New system installed		

Activity Action - Veld			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Updated system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	2-Sep-20
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Veld			
Indicator Name	NITROGEN	Value	28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Veld			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Veld			
Indicator Name	PATHOGENS (E. COLI)	Value	7.37E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Veld			
Indicator Name	BOD 5	Value	216
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

<b>Waterbody</b>	Split Rock Creek		
<b>Final Indicator for Veld</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	.1195
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Split Rock Creek		

<b>Grant Activity - Public Education</b>			
<b>Description</b>	Host public education sessions on groundwater and water quality		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	1-Jan-20	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Education, outreach and advertisement for public education		

<b>Grant Activity - Website</b>			
<b>Description</b>	SWCD website domain name		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	1-Jan-20	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were paid to Go Daddy for SWCD website domain name.		

<b>Grant Activity - Well Sealing</b>			
<b>Description</b>	Sealing of unused or abandoned wells.		
<b>Category</b>	GROUNDWATER		
<b>Start Date</b>	1-Jan-20	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	15 wells sealed in County and funds paid for up to 50% of cost.		

Activity Action - VanHill Well			
Practice	351 - Well Decommissioning	Count of Activities	2
Description	Sealed 2 wells		
Proposed Size / Units	2.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	13-May-20
Mapped Activities	2 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for VanHill Well			
Indicator Name	PREVENTION	Value	2
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Rock River		

Activity Action - Kas Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	11-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for Kas Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Rock River		

Activity Action - Johnson Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	18-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for Johnson Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Rock River		

Activity Action - DeGroot Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	16-Jul-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for DeGroot Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Pipestone Creek		

Activity Action - Miersma Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	17-Jul-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for Miersma Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Pipestone Creek		

Activity Action - DeRuyter Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	24-Jul-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for DeRuyter Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other



<b>Waterbody</b>	Redwood River
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<b>Activity Action - Barron Well</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>			
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	25-Aug-20
<b>Mapped Activities</b>	1 Point(s)	<b>Technical Assistance Provider</b>	Private Consultant

<b>Final Indicator for Barron Well</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Redwood River		

<b>Activity Action - Muller Well</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>			
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	21-Sep-20
<b>Mapped Activities</b>	1 Point(s)	<b>Technical Assistance Provider</b>	Private Consultant

<b>Final Indicator for Muller Well</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Pipestone Creek		

<b>Activity Action - Paulson Wells</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	2
<b>Description</b>	Sealed 2 wells		
<b>Proposed Size / Units</b>	2.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	5-Oct-20
<b>Mapped Activities</b>	2 Point(s)	<b>Technical Assistance Provider</b>	Private Consultant

<b>Final Indicator for Paulson Wells</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	2

<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Flandreau Creek		

<b>Activity Action - Welgraven Wells</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	2
<b>Description</b>			
<b>Proposed Size / Units</b>	2.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	20-Oct-20
<b>Mapped Activities</b>	2 Point(s)	<b>Technical Assistance Provider</b>	Private Consultant

<b>Final Indicator for Welgraven Wells</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	2
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Redwood River		

<b>Activity Action - Muyskens</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>			
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	23-Nov-20
<b>Mapped Activities</b>	1 Point(s)	<b>Technical Assistance Provider</b>	Private Consultant

<b>Final Indicator for Muyskens</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	Rock River		

Activity Action - Rupp Well			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	22-Dec-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for Rupp Well			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Redwood River		

## Grant Attachments

Document Name	Document Type	Description
<b>2020/2021 Natural Resources Block Grant</b>	Grant Agreement	2020/2021 Natural Resources Block Grant - Pipestone County
<b>2020/2021 Natural Resources Block Grant EXECUTED</b>	Grant Agreement	2020/2021 Natural Resources Block Grant - Pipestone County
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/05/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/27/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/12/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/08/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/08/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/14/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/27/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/05/2021
<b>Financial Report</b>	Grant	2020 - Local Water Management - NRBG (Pipestone County)
<b>Financial Report</b>	Grant	2020 - Local Water Management - NRBG (Pipestone County)